

حمل الآن

مجانا وحصريا

# المراجعة رقم (1)

## اختبار شهر مارس



### Lesson 2

» There are common steps that you can take to solve problems:

① **Construct a hypothesis:**

- A hypothesis is an educated guess about how things work.
- **Constructing a hypothesis** is an attempt to answer your question with an explanation that can be tested.

② **Test your hypothesis:**

- Do not conduct any tests that are not safe!

③ **Check if your test is successful or not:**

- Break down the complex problem into small sections, then solve it step-by-step.
- If you have a group of people solving a problem, assign each person a section.

### Lesson 3

**Microsoft 365 includes different options, such as**

**PowerPoint**



**Word**



**Publisher®**



① **A margin:**

- It is the space left around the edges of your poster or billboard.
- A **25-mm** margin will help design a good poster.

## 2 Font size:

- If you choose a **small** font size, your audience will strain to read the information.
- If you choose a **too-large** font size, you'll have to limit the amount of information.

## 3 Font type:

- Sometimes, simple fonts are better.
- A complicated or decorative font is distracting and hard to read.

## 4 Colors:

- Choose no more than three colors, when designing a poster.
- Use bold colors for information you want to emphasize.

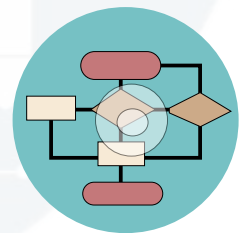
## 5 Images:

- Use clear, good-quality, and appropriate images to the content you are sharing.

# Lesson 5

» **Algorithm:** It's a series of steps that explain how to do a task.

- When you make a meal, you follow a recipe, that is a type of algorithm!
- When you type keywords, the search engine uses algorithms to provide results.
- Computers and applications use algorithms to perform specific tasks.



## Lesson 6

- » **Coding:** It's the writing of multiple algorithms to make a complete program.
- Online animations, movies, and online games are created using **coding**!
  - Computers, like people, speak different languages.
  - There are many websites, like **Code.org**, that can help you learn to code.
  - You can create mazes on **Code.org**.



## Lesson 7

- » **Microsoft Paint:** It is a popular graphics editor that will help you create your own drawings or edit images on computers.
- » To open **Microsoft Paint**, click on the **Start-up** Menu, then **Accessories**, then click on **MS Paint**.
- » The top of the screen is like Word and Excel.
- » **Menu Bar:** It includes options for opening, saving, and editing features.
- » **Toolbox:** It includes tools that you need to make your drawing.
- » You can cut a part of an image using the **cropping tool**.
- » You can change the size or direction of the photo in MS paint.
- » You can fill colors using the color options.
- » **Microsoft Word** also offers graphic tools to create a graphic design.
- » Click on the "Insert" menu bar to see the different options, such as: Shape, Icons, 3D Models and Smart Art.





## Lesson 8

» You can use Microsoft PowerPoint to create presentations that include:

- 1 Text
- 2 Images
- 3 Animations
- 4 Special effects







- » At the top of the PowerPoint screen, you will see a Menu Bar.
- » Use this first slide to name the title and subtitle of your presentation.
- » In the subtitle box, you can also include your name.
- » A slide is a presentation page that contains text and images.
- » On the left side of the screen, you will see a thumbnail or preview image of each slide you're creating.
- » To choose the layout of each slide, click the "Layout" icon on the "Home" menu.
- » Design: It includes background colors.
- » Draw: It includes drawing tools.
- » Transitions: It includes visual effects to use between each slide.
- » Animations: It includes animated effects for each slide.
- » Slide Show: It makes you decide how you'd like to present and time each slide.
- » You can view the presentation by clicking the "View Show" icon or the F5 key on the keyboard.
- » Avoid wordy paragraphs or sentences.
- » Be sure to use a font size and style that are readable.
- » Use relevant images instead of text whenever possible.

### Model Exam

1

#### 1 Choose the correct answer:

- 1 The first step in problem solving is .....  
a. hypothesis testing                      b. asking your teacher  
c. hypothesis building                      d. none of the previous answers
- 2 To view the image in a larger size in Point program, use .....  
a.                       b.                       c.                       d. 
- 3 Microsoft 365 package contains .....  
a. MS Word                                      b. Paint  
c. Google Chrome                              d. Facebook
- 4 You can learn coding and create mazes using many websites, such as .....  
a. Code.org                                      b. Vlaby  
c. Mapmaker Interactive                      d. Facebook
- 5 A/An ..... is a series of steps that explains how to do a task.  
a. algorithm                      b. email                      c. problem                      d. file
- 6 Use ..... for the information you want to emphasize.  
a. small font size                      b. bold colors                      c. tiny font                      d. a & c
- 7 Use ..... images to the content you are sharing in the poster.  
a. clear                                      b. low-quality                      c. inappropriate                      d. irrelevant

#### 2 Put (✓) or (X):

- 1 To solve a big problem you can solve the small parts of it step by step. ( )
- 2 Microsoft Point allows you to change the size or direction of the photo. ( )



- 3 When making a poster or billboard, you must be sure that the audience will be able to easily see your information. ( )
- 4 PowerPoint is used to design presentations with text only. ( )
- 5 When making a guess to solve a problem, this guess is called the hypothesis. ( )
- 6 More decorative fonts in your poster are not preferable when making it. ( )
- 7 The slide is a presentation page that contains text and images. ( )
- 8 If your wording is not specific, the search engine's algorithm may not be accurate. ( )

## Model Exam

### 2

#### 1 Choose the correct answer:

- 1 When creating a poster or billboard, be sure to ..... .
  - a. choose a small font size
  - b. choose complicated font type
  - c. choose too big font size
  - d. choose suitable font size and type
- 2 A/An ..... is an educated guess about how things work.
  - a. algorithm
  - b. maze
  - c. hypothesis
  - d. test
- 3 An algorithm is a/an ..... to do a task.
  - a. series of steps
  - b. software
  - c. application
  - d. hardware
- 4 ..... program is used to create presentations that include text and special effects.
  - a. PowerPoint
  - b. Word
  - c. Facebook
  - d. Twitter

5 The amount of empty space between the edges of a poster is called the .....

- a. font                      b. margin                      c. image options                      d. border

6 ..... is writing multiple algorithms to create a complete program.

- a. Windows                      b. MS Word                      c. Coding                      d. Paint

7 Which of the following is considered an algorithm?

- a. Seeing a movie                      b. Solving a math problem  
c. Eating breakfast                      d. All of the previous answers

## 2 Put (✓) or (X):

1 A hypothesis is an attempt to answer your question with an explanation that can be tested. ( )

2 Choosing a complicated font size in the poster makes it easy to read. ( )

3 Coding is the writing of multiple algorithms to make a complete program. ( )

4 The toolbox in Paint includes all the tools you will need to make your drawing. ( )

5 Make sure to choose a font size that is easy to read. ( )

6 Computers, like humans, use different languages. ( )

7 When you solve a problem in math class, this is considered a type of algorithm. ( )

8 Paint program is one of the famous programs used in editing images. ( )

## Model Exam

3

## 1 Choose the correct answer:

1 To use images in the billboard, they must be .....

- a. appropriate images and sizes                      b. not clear images  
c. very small images                      d. bad-quality images



- Model Exams
- 
- 2 ..... program can recognize if the words are typed correctly or not.

  - a. Word
  - b. Photoshop
  - c. Excel
  - d. Flash

3 To insert pictures into your presentation, click ..... then pictures.

  - a. Slide Show
  - b. Transitions
  - c. Insert
  - d. Animation

4 To facilitate solving a big problem, .....

  - a. break down the problem into smaller sections
  - b. don't solve it
  - c. don't assign the roles to a team group
  - d. find one solution

5 If you watched your teacher make sure that the keyboard cable is connected to the place designated for it, this means that he is taking the ..... step.

  - a. hypothesis building
  - b. hypothesis testing
  - c. digital footprint
  - d. reporting

6 ..... program is one of the most famous programs in editing images.

  - a. Paint
  - b. Word
  - c. Facebook
  - d. Twitter

7 ....., like people, speak different languages.

  - a. Cars
  - b. Animals
  - c. Rocks
  - d. Computers
- ## 2 Put (✓) or (X):
- 1 A hypothesis is an educated guess about how things work. ( )

2 A margin is the space left around the edges of your poster or billboard. ( )

3 Computers and applications need algorithms to work. ( )

4 MS Word offers graphic tools to create a graphic design. ( )

5 The first step in problem solving is hypothesis testing. ( )

6 Having a 25-mm margin helps you create a well-designed poster. ( )
- PONY – ICT Prim. 4 – Second Term
- 9

**2** Put (✓) or (✗):

- 1 A hypothesis is an educated guess about how things work. ( )
- 2 A margin is the space left around the edges of your poster or billboard. ( )
- 3 Computers and applications need algorithms to work. ( )
- 4 MS Word offers graphic tools to create a graphic design. ( )
- 5 The first step in problem solving is hypothesis testing. ( )
- 6 Having a 25-mm margin helps you create a well-designed poster. ( )

- 7 Mazes are examples of things you create using coding. ( )
- 8 Microsoft PowerPoint is used to create presentations that include text and special effects. ( )

**Model Exam****4****1 Choose the correct answer:**

- 1 You can run your PowerPoint presentation through the ..... key from the keyboard.  
a. F3                      b. F4                      c. F5                      d. F6
- 2 If you and your team face a problem, to solve it you should .....  
a. assign each person a section of it  
b. assign the problem to one of them  
c. solve the problem alone                      d. keep the problem without solving
- 3 To provide the proposed solutions to solve the problem of the computer speakers not working, you must first .....  
a. test the hypothesis                      b. prepare the hypothesis  
c. verify the success of the test                      d. ask your teacher
- 4 If you use a ..... font size, you will have to limit the amount of information in the poster.  
a. small                      b. too big                      c. suitable                      d. tiny
- 5 You can create animations, movies, and games using .....  
a. Excel                      b. coding                      c. Word                      d. Google
- 6 When you prepare a meal, you follow a recipe; this is considered a/an .....  
a. augmented reality                      b. algorithm  
c. digital blogging                      d. order
- 7 You can type ..... into the search engine to search for information online.  
a. keyboards                      b. algorithms                      c. keywords                      d. symbols



## 2 Put (✓) or (X):

- 1 You cannot insert images you created in Paint into your PowerPoint presentation. ( )
- 2 You must be sure that your computer is updated to download Microsoft Office 365 bundle. ( )
- 3 You must assign to each person in the group a section of the problem to solve it. ( )
- 4 One of the things to consider when preparing a presentation is to avoid writing long paragraphs. ( )
- 5 When testing your hypothesis, it is necessary not to do any test that puts you at risk. ( )
- 6 It is important to crowd the edges of your billboard. ( )
- 7 Coding is the writing of multiple algorithms to make a complete program. ( )
- 8 Microsoft Paint allows you to design images and save them. ( )

## Model Exam

### 5

## 1 Choose the correct answer:

- 1 You can type multiple algorithms to create a complete program by .....  
 a. programming    b. a screen    c. a keyboard    d. a mouse
- 2 You should be careful when solving problems that may pose a risk to you during the ..... step.  
 a. hypothesis building    b. hypothesis testing  
 c. data collection    d. reporting
- 3 When designing a poster, sometimes ..... fonts are better.  
 a. decorative    b. simple  
 c. complicated    d. a & c



## 2

- Background colors for

# Answers

## Model Exam 1

1	1 c	2 a	3 a	4 a
	5 a	6 b	7 a	
2	1 ✓	2 ✓	3 ✓	4 ✗
	5 ✓	6 ✓	7 ✓	8 ✓

## Model Exam 2

1	1 d	2 c	3 a	4 a
	5 b	6 c	7 b	
2	1 ✓	2 ✗	3 ✓	4 ✓
	5 ✓	6 ✓	7 ✓	8 ✓

## Model Exam 3

1	1 a	2 a	3 c	4 a
	5 b	6 a	7 d	
2	1 ✓	2 ✓	3 ✓	4 ✓
	5 ✗	6 ✓	7 ✓	8 ✓

## Model Exam 4

1	1 c	2 a	3 b	4 b
	5 b	6 b	7 c	
2	1 ✗	2 ✓	3 ✓	4 ✓
	5 ✓	6 ✗	7 ✓	8 ✓

## Model Exam 5

1	1 a	2 b	3 b	4 d
	5 d	6 b	7 a	
2	1 ✗	2 ✓	3 ✓	4 ✓
	5 ✓	6 ✓	7 ✗	8 ✗



# كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9





حمل الآن

مجاناً وحصرياً

# المراجعة رقم (2)

## اختبار شهر مارس





## THEME 4

### Quick Look

## An hour before the Exam

يمكن من مراجعة منهجك في ساعة واحدة قبل الامتحان



### Important Points

أهم النقاط في المحور الرابع

#### 1 Problem solving

- Construct a hypothesis.
- It is an attempt to answer your question with an explanation that can be tested.
- Test your hypothesis.

Was your test successful? If not, don't worry, we learn from our mistakes.

- Breaking down problems into smaller sections and assign each person one section.

#### 2 Presenting information

- To create a digital poster or billboard you will need a software like Microsoft 365.
- Digital concepts to consider:
  - **Margins:** a 25mm margin will help design a good poster.
  - **Font size and type:** choose a font size that is easy to read and simple font is better.
  - **Colors:** it is better not to use more than 3 colors in a poster.
  - **Images:** use clear, good-quality, and appropriate images.

#### 3 Algorithms

- Search engine uses algorithms to decide which results will be more relevant to you.
- At school, you are often using algorithms to complete assignments.
- If your wording is not specific enough, the engine's algorithm may not be entirely accurate.

#### 4 Graphic art

- A popular graphics editor is Microsoft Paint.
  - The top of Paint screen is like Word and Excel.
  - The menu bar includes options for opening and saving files.

## 5 Edit photos in Paint

- Select areas of the photo to use in your drawing by cropping.
- You can add text to a photo. • Change the size or direction of the photo.
- Click on the Insert menu bar to see the different options, such as:  
(Shape – Icons – 3D models – Smart Art)



## 6 PowerPoint presentation

- Open PowerPoint. • Click on Blank Presentation.
- Use the first slide to name the title and subtitle of your presentation.
- Type the information in the text boxes.
- In PowerPoint you can:
  - Add text.
  - Choose design options for each slide.
  - Add animations.
  - Add visuals and effects.
  - Add transitions.
  - Inserting pictures.
- **Keep in mind:**
  - Use a font size and style that is readable.
  - Use relevant images instead of text.



## Important Definitions

أهم التعريفات في المحور الرابع

Word	Definition
A hypothesis	an educated guess about how things work.
Margins	the space left around the edges of your poster or billboard.
An algorithm	is a series of steps that explain how to do a task.
A recipe	set of instructions that will successfully lead you to making a meal.
Coding	is the writing of multiple algorithms to make a complete program.
A slide	is a presentation page that contains text and images.
Thumbnail	preview image, of each presentation slide you're creating.
Transitions	a visual effect to use between each slide.



**ICT tools**

أدوات وأجهزة مستخدمة في تكنولوجيا المعلومات

- **Microsoft 365**

- Includes: PowerPoint®, Word®, and Publisher®.

- **Microsoft PowerPoint**

- Used to create presentations that include text, animations, images, and special effects.

- **Microsoft Paint**

- You can edit photos in paint.

- **Code.org**

- A website help you learn coding.



**احرص على اقتناء**

**كتب المعاصر في ICT**

**للمرحلة الابتدائية**

**امنح ثقتك لمن يستحق**

# Sample Tests

## On Theme Four

اختبارات مجمعة من مختلف المحافظات للعام السابق على المحور الرابع (تتضمن الأفكار المتكررة في الامتحانات السابقة)



► If you got ● you need to revise the theme again.

● ممتاز ● جيد جداً ● جيد ● غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة المحور مرة أخرى.

### Sample Test

1

#### 1 Choose the correct answer from a, b, c or d.

- We can create presentation, through many animation effects by ..... program.  
a. PowerPoint      b. Excel      c. Word      d. Paint  
(الأزهر الشريف - أسبوط ٢٠٢٤)
- You can add an image within PowerPoint by choosing ..... (المنيا - ملوى ٢٠٢٣)  
a. Slide show      b. Transitions      c. Insert      d. none of them
- A/An ..... is a presentations page that contains text and images. (القاهرة - الزيتون ٢٠٢٤)  
a. thumbnail      b. icon      c. slide      d. image
- The amount of empty space between the edges of the announcing board is called ..... (الدقهلية - ميت غمر ٢٠٢٤)  
a. Fonts      b. Margin      c. Image options      d. Paint
- ..... should be used in a poster or billboard not more. (سوهاج - البلينا ٢٠٢٤)  
a. 3 colors      b. 2 colors      c. 4 colors      d. 5 colors
- Writing multiple algorithms to make a complete program means ..... (الجيزة - الدقي ٢٠٢٣)  
a. coding      b. gaming      c. animations      d. movies
- The first step in problem solving is ..... (الاسكندرية - الجمرک ٢٠٢٤)  
a. construct hypothesis      b. testing hypothesis  
c. quick feed back      d. hypothesis break down
- The explorer uses a lot of sources during his research like ..... (أسوان - ادفو ٢٠٢٣)  
a. the Internet      b. interviews      c. reviews      d. both (a) & (b)

#### 2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

- You can use programming codes to identify the paths needed to reach your goal . (كفر الشيخ - دسوق ٢٠٢٤) ( )
- The brush tool is used in paint program to enlarge part of the image. (المنوفية - تلا ٢٠٢٤) ( )
- You can easily create your own drawings or edit images on computers. (الأزهر الشريف - السوبس ٢٠٢٤) ( )
- You can not choose the font style and size before typing your text. (الاسماعيلية - ابوصير ٢٠٢٣) ( )
- You can choose background colors for each slide under the Design option. (القاهرة - الوايلي ٢٠٢٣) ( )
- The top of the screen in Paint is similar to Word and Excel. (دمياط - الزرقا ٢٠٢٤) ( )
- Digital maps are used by search engines to provide results. (الجيزة - الدقي ٢٠٢٣) ( )

قم بتلوين الدائرة باللون المناسب لمستواك.









► If you got ● you need to revise the theme again.

ممتاز ● جيد جداً ● جيد ● غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● غير جيد قم بمراجعة المحور مرة أخرى.

### Sample Test 3

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.


1. The brush tool is used in paint program to enlarge part of the image. (دمياط - الزرقا ٢٠٢٤) ( )
2. A complicated or decorative font is simple and easy to read. (القاهرة - المرح ٢٠٢٤) ( )
3. Microsoft 365's bundle includes PowerPoint, Zoom, and WhatsApp. (الجيزة - اوسيم ٢٠٢٤) ( )
4. Computers and applications use algorithms to perform specific tasks. (الازهر الشريف - الغربية ٢٠٢٣) ( )
5. Mazes are an example of things you create using coding. (المنيا - مفاغة ٢٠٢٤) ( )
6. Animations can be added to only one slide in PowerPoint. (الاسكندرية - المنتزه ٢٠٢٣) ( )
7. Smart Art is not a graphic tool available in Word. (بورسعيد - شمال بورسعيد ٢٠٢٤) ( )
8. It is important to break complex problems into small parts when solving them. (الجيزة - الهرم ٢٠٢٤) ( )

2 Choose the correct answer from a, b, c or d.

1. Microsoft paint is a popular ..... editor. (الدقهلية - ميت غمر ٢٠٢٤)  
a. Features      b. Different      c. Graphics      d. Sources
2. .... is a presentation page using that contain text and images. (بنى سويف - الواسطى ٢٠٢٤)  
a. Effects      b. Slide      c. Animations      d. Picture
3. Teachers can provide virtual ..... and upload quizzes through online learning environments. (الازهر الشريف - القيوم ٢٠٢٤)  
a. lessons      b. games      c. toys      d. schools
4. Microsoft 365 package contains ..... program. (الشرقية - الصالحية ٢٠٢٣)  
a. Word Processor Software      b. Excel  
c. Google chrome      d. both (a&b)
5. To present your ideas that you have come up with in a way that is characterized by the effects of sound and movement, you need ..... program. (المنوفية - أشمون ٢٠٢٤)  
a. Facebook      b. Paint      c. PowerPoint      d. WhatsApp
6. The amount of empty space between the edges of the announcing board is called ..... . (الأقصر - إسنا ٢٠٢٣)  
a. fonts      b. margin      c. image options      d. all of them
7. Many websites such as ..... can help you learn coding. (القاهرة - حدائق القبة ٢٠٢٤)  
a. PowerPoint      b. code.org  
c. Microsoft Paint      d. Microsoft Word

قم بتلوين الدائرة باللون المناسب لمستواك.




► If you got  you need to revise the theme again.

● ممتاز ● جيد جداً ● جيد ● غير جيد

فم بتقسم نفسك بالعلامات الموضحة وإذا حصلت على (غير جيد) فم بمراجعة المحور مرة أخرى.

## Sample Test 4

**1** Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. In Paint program you cannot add text to an image. (السوسب - الجنان ٢٠٢٤) ( )
2. The icon  in paint program is used to view the image in larger size. (الاسكندرية - العجمي ٢٠٢٤) ( )
3. Don't use more than three colors when making your billboard. (القلوبية - العبور ٢٠٢٣) ( )
4. When creating a presentation in PowerPoint, you should click on "Insert". (الجيزة - العمرانية ٢٠٢٤) ( )
5. Cropping allows you to select areas of the photo to use in your drawing in Paint. (الاقصر - أرمنت ٢٠٢٤) ( )
6. Mazes are the only example of things you can create using coding. (اسوان - ادفو ٢٠٢٤) ( )
7. Coding include writing multiple algorithms to make a complete program. (الغربية - السنطة ٢٠٢٣) ( )
8. In PowerPoint, the first slide instructs you to click and type a title. (الدقهلية - اجا ٢٠٢٣) ( )
9. Constructing a hypothesis is a step in problem-solving. (القاهرة - شبرا ٢٠٢٤) ( )

**2** Choose the correct answer from a, b, c or d.

1. We can change ..... in a photo using Paint. [القاهرة - مصر الجديدة (٢٠٢٤)]  
a. brightness                      b. size and direction  
c. size only                          d. direction only
2. Microsoft ..... is one of the popular programs that are used for editing pictures.  
a. Paint                                b. Word                                c. PowerPoint                      d. Excel [القلوبية - بنها (٢٠٢٤)]
3. A/An ..... is a series of steps that explain how to do a task. [الأزهر الشريف - الجيزة (٢٠٢٤)]  
a. keywords                      b. coding                              c. algorithm                          d. all of them
4. Writing multiple algorithms to make a complete program means ..... .  
a. coding                              b. gaming                              c. animations                          d. movies [الأفصر - اسنا (٢٠٢٣)]
5. Tools included in the toolbox of Paint, needed for ..... . [الجيزة - الدقي (٢٠٢٤)]  
a. drawing                              b. video editing  
c. web design                          d. text formatting
6. .... is used to design presentations that include different texts and effects.  
a. Internet                              b. Excel                                  c. Word                                  d. PowerPoint [المنوفية - اشمون (٢٠٢٤)]
7. The distance at the edges of your past or a billboard, called ..... . [الفرية - شرق المحلة (٢٠٢٤)]  
a. Images                                  b. Font                                  c. Margins                              d. Paint

قم بتلوين الدائرة باللون المناسب لمستواك.





**2**

**March Test**

**1 Choose the correct answer from a , b, c or d.**

1. Traveling by trains and planes has become easier due to the possibility of booking tickets through .....  
 a. Travel companies    b. Internet    c. Booking offices    d. All of them
2. .... is Egypt's premiere online library of resources for a variety of subjects.  
 a. ISP    b. VLBY    c. EKB    d. None of them
3. Don't forget to ..... the source information in your notes, when you want to conduct a digital search.  
 a. read    b. cite    c. remove    d. write
4. The internet allows us to communicate .....  
 a. instantaneously    b. offline    c. face to face    d. none of them
5. How can breaking down a problem make it easier to solve ? - .....  
 a. It creates more problems  
 b. It helps to identify the cause of the problem  
 c. It makes the problem more manageable  
 d. It makes the problem more complicated
6. .... should be used in a poster or billboard not more.  
 a. 3 colors    b. 2 colors    c. 4 colors    d. 5 colors
7. A program is commonly used to write out ideas and present them in various formats .....  
 a. Word    b. Paint    c. PowerPoint    d. Excel
8. To insert pictures into your presentation, click ..... then pictures.  
 a. Insert    b. Draw    c. Slide show    d. Transitions

**2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.**

1. The unreliable source of information is well-written, without grammar or spelling mistakes. ( )
2. A hypothesis is from solve a problem steps. ( )
3. Animations, movies, and games can be created using sounds. ( )
4. Keywords are important when using a search engine. ( )
5. Edmodo, allows teachers and students to communicate. ( )
6. Computers speak different languages, just like people. ( )
7. Simple fonts are easier to read than complicated or decorative fonts. ( )

حمل الآن

مجاناً وحصرياً

# المراجعة رقم (3)

## اختبار شهر مارس





# March Revision

## ★(1) Choose the right answers:

**Mr. Ahmed ElBasha**

1. .... doesn't need a quick feedback.  
a. Visual                      b. Writing                      c. Asynchronous                      d. Synchronous
2. It's important to ..... before conducting a digital search.  
a. write                      b. plan                      c. draw                      d. watch
3. The first step when starting to prepare a digital research is .....  
a. defining the topic of the research                      b. defining the sites  
c. formulating the conclusion                      d. all of them
4. Once you find information for your digital source ..... it.  
a. ask                      b. evaluate                      c. remove                      d. delete
5. Information that is full of opinions and errors is from .....  
a. reliable sources                      b. unreliable sources  
c. articles                      d. experts
6. From reliable digital learning resources via the internet .....  
a. WhatsApp                      b. Facebook                      c. EKB                      d. none of them
7. Gautam Shah believes using ..... and online games to bring wildlife into people's daily lives.  
a. classrooms                      b. technology  
c. TV channels                      d. ground-breaking
8. Wildlife conservation is protecting ..... in their natural habitats.  
a. animals                      b. students                      c. people                      d. friends
9. Internet of Elephants designs interactive online .....  
a. work                      b. books                      c. games                      d. none of them
10. An algorithm is a .....  
a. list of ingredients for cooking                      b. type of computer program  
c. type of search engine                      d. series of steps to complete a task
11. A search engine decides which results are more relevant to a user .....  
a. randomly selecting results                      b. using directions  
c. organizing results alphabetically                      d. using an algorithm
12. A series of instructions that explain how to complete a task is known as a /an .....  
a. digital map                      b. search engine  
c. algorithm                      d. ingredient list

**13. There are many websites like ..... help you learn coding.**

- a. EKB.com                      b. Code.org                      c. Facebook.com                      d. Skype.com

**14. Coding is the writing of multiple ..... to make a complete program.**

- a. movies                      b. mazes                      c. algorithms                      d. steps

**15. To create a poster, you should think about .....**

- a. margins                      b. font size                      c. colors                      d. all of them

**16. A complicated or decorative font is ..... and hard to read.**

- a. easy                      b. distracting                      c. simple                      d. little

**17. .... should be used in a poster or billboard not more.**

- a. 3 colors                      b. 2 colors                      c. 4 colors                      d. 5 colors

**18. Which of the following is an example of a print source ?**

- a. YouTube                      b. Books                      c. TikTok                      d. Instagram

**19. .... sources are the information come from a person that states his/her opinion intermixed with facts.**

- a. Trusted                      b. Questionable                      c. Untrusted                      d. Reliable

**20. .... is an educated guess about how things work.**

- a. Hypothesis                      b. App  
c. Solve problem                      d. Internet

**21. Which of the following is not one of the common steps to make problem-solving easier ?**

- a. Test your hypothesis                      b. Learn from our mistakes  
c. Construct a hypothesis                      d. Ignore the problem

**22. When you take ..... you make the problem easier.**

- a. breaks                      b. steps                      c. orders                      d. games

**23. When we solve a complex problem, we should ..... it.**

- a. complex                      b. break                      c. delete                      d. ignore

**24. The first step in problem solving is .....**

- a. ask you teacher                      b. hypothesis building  
c. hypothesis testing                      d. none of them

**25. Microsoft 365 package contains .....**

- a. MS Word                      b. Paint  
c. Google Chrome                      d. a & b

**26. The amount of empty space between the edges of a poster is called the .....**

- a. font                      b. margin  
c. image options                      d. border

**27. Gautam Shah is the founder of .....**

- a. Internet of Elephants                      b. EKB                      c. ICT



a. Reliable                      b. Inaccurate                      c. Unreliable

[illegible]

a. Citizenship                      b. Reliable source                      c. Defining the topic

a. synchronous                      b. asynchronous                      c. easy                      d. hard

a. bad                  b. urgent                  c. good                  d. all of them

a. Visual      b. Writing      c. Asynchronous      d. Synchronous

a. Windows      b. MS Word      c. Coding      d. Paint

a. Excel                  b. Word                  c. PowerPoint                  d. Paint

a. untrusted      b. unsafe       c. trusted      d. harmful

a. augmented reality      b. algorithm      c. digital blogging      d. order

a. series of steps      b. software      c. application      d. hardware

a. Word      b. Paint      c. Games      d. AutoCAD

a. games      b. environment      c. articles      d. films

a. coding      b. gaming      c. animations      d. movies

**✳(2) Put ( √ ) or ( X ) :**

1. Facebook, Wiki and blogs are non-reliable sources. ( )
2. The articles written and verified by experts are called unreliable sources. ( )
3. You can write your research without indicating the source from which you got the information. ( )
4. Information sources should be evaluated when collected . ( )
5. Digital search includes text sources only. ( )
6. WhatsApp is a reliable source for information. ( )
7. All computers understand and respond to the only one programming language. ( )
8. Computers, like humans use different languages. ( )
9. Coding includes the writing multiple algorithms to make a complete program. ( )
- 10.You can't create mazes on Code.org. ( )
- 11.Excel is used to create posters. ( )
- 12.Word is most commonly used to write out what you want. ( )
- 13.Constructing a hypothesis is a step in problem-solving. ( )
- 14.Conducting unsafe tests is okay in problem-solving. ( )
- 15.A hypothesis is a specific answer and does not need to be tested. ( )
- 16.When making a guess to solve a problem, this guess is called the hypothesis. ( )
- 17.It is important to break complex problems into small parts when solving them. ( )
- 18.It is not important to plan before conducting a digital search. ( )
- 19.Internet of Elephants uses technology for wildlife conservation. ( )
- 20.It's not important to break complex problem into small parts. ( )
- 21.Search engines use algorithms to provide results. ( )
- 22.Simple fonts are easier to read than complicated or decorative fonts. ( )
- 23.When choosing colors for a poster, it is better to use more than 5 colors. ( )
- 24.It's necessary to have good-quality images on posters or billboards. ( )
- 25.You can't create mazes on Code.org. ( )
- 26.You can't learn coding online. ( )

27.It is important to break complex problems into small parts when solving them.	(    )
28.Microsoft 365's bundle includes PowerPoint, Zoom, and WhatsApp.	(    )
29.Don't use more than three colors when making your billboard.	(    )
30.It's important to plan before conducting a digital search.	(    )
31.Facebook, Wiki pages, and blogs are reliable sources.	(    )
32.Asynchronous communication is appropriate when the information is urgent.	(    )
33.It is not important to evaluate the reliability of the information you find.	(    )
34.In the unreliable sources, the information is presented in a professional fashion.	(    )
35.Reliable sources information is presented in a professional fashion.	(    )
36.Asynchronous communication doesn't require an immediate respond.	(    )
37.There is only one type of communication online.	(    )
38.Choosing your topic is the last step of conducting a digital search.	(    )
39.You can't change the font size or type on Word.	(    )
40.All of us, do not face any problems in our daily life.	(    )
41.Unreliable sources provide information with some errors.	(    )
42.The first step in problem solving is hypothesis testing .	(    )
43.Problems should not be divided into small parts so as not to be difficult to solve.	(    )
44.Evaluating information means to make sure that its sources are trusted.	(    )
45.It's important that your project contains some untrusted information.	(    )
46.A trusted source contains information that comes from reliable organizations.	(    )
47.Synchronous communication is appropriate when it is between close friends.	(    )
48.Synchronous connection is between close family.	(    )
49.You must break the big problem into smaller sections.	(    )
50.It is important, when collecting information, to evaluate its sources.	(    )
51.Word is most commonly used to write out what you want	(    )
52.Mazes are an example of things you can create using coding.	(    )
53.Algorithms are not useful in everyday life.	(    )
54.Search engines use algorithms to provide results.	(    )

- |   |        |
|---|--------|
| 55. An algorithm is a series of steps that explain how to do a task.              | (    ) |
| 56. Algorithms are only used in cooking.  | (    ) |
| 57. Search engines help users gather information online                           | (    ) |
| 58. Paying attention to the background is not important when taking a good photo. | (    ) |
| 59. It's necessary to have good-quality images on posters or billboards.          | (    ) |
| 60. When choosing colors for a poster, it is better to use more than 5 colors.    | (    ) |

**\*(3) Complete the following sentences by using these words:****1. (urgent – augmented – Internet – coding – Code.org)**

1. Internet of Elephants creates unique mobile games, using ..... reality.
2. Synchronous communication is used when the information is ..... or needs to be transmitted quickly.
3. A type of website can help you learn to code using different coding languages .....
4. The writing of multiple algorithms to make a complete program means .....
5. Gautam Shah is the founder of ..... of Elephants.

**2. (asynchronous - mistakes - reliable - sources - evaluate)**

1. It is important to gather information from a variety of .....
2. You will learn from your ..... if your test is not successful
3. There are two types of online communication, synchronous and .....
4. It is important to ..... the source of the information you're gathering.
5. Evaluating a source help you determine if the information is .....

**3. (plan – experts - decorative - 25mm - margins)**

1. While creating your poster or billboard, think about the .....
2. A ..... margin will help design a good poster.
3. Reliable sources are articles or information written and verified by .....
4. It's important to ..... before conducting a digital search.
5. A complicated or ..... font is distracting and hard to read.

**4. (hypothesis - algorithm - engines - problem solving)**

1. When making a guess to solve a problem, this guess is called a .....
2. There are common steps that you can take to make ..... easier.
3. Making a sandwich is an example of an .....
4. Determine relevant results is the role of algorithms in search .....

**5. (asynchronous - urgent - Microsoft 365)**

1. When the information is about sensitive or complex matters, we use ..... communication.
2. .... includes, application package such as Power Point, Word, and Publisher.
3. Synchronous communication is used when the information is ..... or needs to be transmitted quickly.

**6. (algorithm - books and articles – evaluate - Three)**

1. When you research you need to use a variety of sources as .....
2. It is better not to use more than ..... colors in a poster.
3. An ..... is a series of steps that explain how to do a task.
4. When collecting information, you must ..... its sources.

**7. (fonts - margin - three - bold - Microsoft 365)**

1. The ..... is the space left around the edges of your poster or billboard and its content.
2. It is better not to use more than ..... colors in the poster.
3. .... includes Word, PowerPoint and Publisher.
4. Sometimes, simple ..... are better.
5. Use ..... colors for the information you want to emphasize.



## Model Answer

### ★(1) Choose the right answer:

1. C	8. A	15. D	22. B	29. B	36. C
2. B	9. C	16. B	23. B	30. C	37. B
3. A	10. D	17. A	24. B	31. A	38. A
4. B	11. D	18. B	25. A	32. B	39. A
5. B	12. C	19. C	26. B	33. C	40. C
6. C	13. B	20. A	27. A	34. C	41. A
7. B	14. C	21. D	28. A	35. A	

### ★(2) Put ( √ ) or ( X ) :

1. (√)	10. (X)	19. (√)	28. (√)	37. (X)	46. (√)	55. (√)
2. (X)	11. (X)	20. (X)	29. (√)	38. (X)	47. (√)	56. (X)
3. (X)	12. (√)	21. (√)	30. (√)	39. (X)	48. (√)	57. (√)
4. (√)	13. (√)	22. (√)	31. (X)	40. (X)	49. (√)	58. (X)
5. (X)	14. (X)	23. (X)	32. (X)	41. (√)	50. (√)	59. (√)
6. (X)	15. (X)	24. (√)	33. (X)	42. (X)	51. (√)	60. (X)
7. (X)	16. (√)	25. (X)	34. (X)	43. (X)	52. (√)	
8. (√)	17. (√)	26. (X)	35. (√)	44. (√)	53. (X)	
9. (√)	18. (X)	27. (√)	36. (√)	45. (X)	54. (√)	

### ★(3) Complete the following sentences by using these words:

1	1. augmented 2. urgent 3. Code.org 4. Coding 5. Internet	2	1. sources 2. mistakes 3. asynchronous 4. evaluate 5. reliable
3	1. margins 2. 25mm 3. experts 4. plan 5. decorative	4	1. hypothesis 2. problem solving 3. algorithm 4. engines
5	1. asynchronous 2. Microsoft 365 3. urgent	6	1. books and articles 2. Three 3. algorithm 4. evaluate
7	1. margin 2. three 3. Microsoft 365 4. fonts 5. bold	8	

حمل الآن

مجانا وحصريا

# المراجعة رقم (4)

## اختبار شهر مارس





## Lesson 2 Problem solving skills

**Put ( √ ) or ( X )**

- 1 We don't face any daily issues at school, work, or home. ( )
- 2 We can solve any issue without taking proper steps to solve it. ( )
- 3 You need to always think about the issue before you start solving it. ( )
- 4 Problems can occur when using IT tools ( )
- 5 It is not important to take steps to solve issues that involve technology tools. ( )
- 6 Problem solving in general is very difficult. ( )
- 7 There are some common steps you can take to make the process easier ( )
- 8 Hypothesis building is not a step in the problem solving process. ( )
- 9 A hypothesis is an attempt to answer a question with an explanation that can be tested. ( )
- 10 A hypothesis is a scientific guess about how things happen. ( )
- 11 Hypothesis testing is risky. ( )
- 12 If a hypothesis doesn't work, it's a big deal. ( )
- 13 You can't retry the hypothesis again. ( )
- 14 It doesn't hurt to get it wrong - we learn from our mistakes. ( )
- 15 Successful hypothesis testing helps build the next hypothesis. ( )
- 16 The issue cannot be broken down into parts as it is an integrated whole. ( )
- 17 You have to break it down and solve it gradually. ( )
- 18 A task may seem difficult, but it becomes easier if you break it down. ( )



19 Working in a group helps in solving any issue. ( )

20 It is better to work individually and avoid group work. ( )

### Choose the correct answer:

1- You can solve ..... by taking appropriate steps to solve it.

- a. Questions                      b. Problem                      c. Exams

2- You should always think about the problem before you start .....

- a. Solve it                      b. Publish it                      c. Share it

3- Steps must be taken to solve issues that involve the tools of .....

- a. Writing                      b. Farming                      c. Technology

4- There are some common steps you can take to make the problem-solving process .....

- a. boring                      b. harder                      c. easier

5- Building ..... is one of the steps in solving a problem.

- a. Home                      b. Hypotheses                      c. Companies

6- This is ..... An attempt to answer a question but with an interpretation that can be tested

- a - Hypothesis                      b – Message                      c - Image

7- Hypotheses are considered ..... about how things happen

- a. Scientific speculation      b. Problem solving                      c. Information sharing

8- You can repeat ..... to solve the problem again

- a. Tools                      b. Trying                      c. Writing



9-Successful hypothesis testing helps build ..... the following.

a. Hypothesis

b. Buildings

c. Tasks

10-The ..... can be broken down into parts to make it easier to solve.

a. Food

b. Problem

c. Tests

11-Work helps ..... helps to solve the problem.

a.Group

b. Individual

c. Private

12-The steps of scientific thinking must be followed during ..... the problem.

a-make

b-solve

c-do more than

### Lesson 3 Presenting information to others

Put ( √ ) or ( X )

- 1 Presenting information requires digital tools that help you present it better. ( )
- 2 Designing a billboard needs specific software that allows for design ( )
- 3 Microsoft 365 doesn't have any design options ( )
- 4 Microsoft 365 has different options such as a presentation program and a word processor ( )
- 5 You don't need a digital device to download Microsoft 365 ( )
- 6 You need to make sure that your computer can handle the downloaded program ( )
- 7 Microsoft 365 has different options including a desktop publishing program ( )





- 8 It's important to leave a blank space between the edges of the label and the content ( )
- 9 If you add content too close to the edges, the poster will look organized and clear ( )
- 10 Putting a margin on pages is visually appealing ( )
- 11 A consistent margin helps create a well-designed poster ( )
- 12 It doesn't matter the font type or size when presenting a billboard ( )
- 13 If you choose a font size that is too small, the audience will struggle to read the information ( )
- 14 A large font size makes the information more clear and doesn't cause trouble in writing the information ( )
- 15 There is only one font you have to use while writing ( )
- 16 You can choose the type and size of the font you want to use without considering the audience ( )
- 17 Complex fonts are distracting and difficult to read ( )
- 18 Font colors are one of the factors that attract the audience to the poster or advertisement ( )
- 19 Some digital tools in various programs allow you to choose the color you want to use ( )
- 20 It is best to use more than three colors in one poster ( )
- 21 The background color is not a factor in attracting the audience ( )
- 22 It is not common to use images in posters or advertisements ( )
- 23 Images need to fit with the content you're sharing ( )
- 24 It is preferable to use clear, high-resolution images that are appropriate to the theme of the advertisement ( )
- 25 When preparing a poster, you should think about (margins, font type and size, colors, images) ( )



### Choose the correct answer:

1- You can present information better when you use ..... Helps to present it

- a. Textbooks                      b. Digital tools                      c. Pen and paper

2- Microsoft 365 includes some design options such as .....

- a. Word processor              b. Delete programs              c. Insert a program

3- You need ..... to download Microsoft 365.

- a- Phone thermostat              b- Digital device              c- Thermostat

4- Examples of digital devices include ....., .....

- a- Calculator, clock                                      b- Alarm clock, regular phone  
c- Computer, cell phones

5- ..... It is an empty space between the ends of the label and the content.

- a - File                                      b – Folder                                      c– Margin

6- If you add content too close to the edges, the poster will look ..... to the audience

- a – organized                                      b – crowded                                      c - clear

7- Putting margins on pages is an attraction from a ..... point of view

- a – visual                                      b – auditory                                      c- intellectual

8- Having a consistent ..... helps create a well-designed poster.

- a - images                                      b - margin                                      c - video



**9- The type and ..... font helps in presenting information to the audience and making it easy to read.**

**a-Size**

**b-Shape**

**c-Weight**

**10- Font ..... Distracting and difficult to read.**

**a - complex**

**b - simple**

**c – specific**

**11- The font ..... in size shortens some of the information you share.**

**a - small**

**b - large**

**c - medium**

**12- If you choose the font size ..... the audience will put a lot of effort into trying to read the information**

**a- very large**

**b - very small**

**c - medium**

**13- The color of ..... is one of the factors that attract the audience to the posters.**

**a. Files**

**b. Device**

**c. Font**

**14- It is not preferable to use more than ..... in a single poster**

**a - two colors**

**b - three colors**

**c - four colors**

**15- You must ..... The images must be compatible with the content you share.**

**a - conflict**

**b - not related**

**c – fit**

**16- When setting up .....you need to think about (margins, font type and size, colors, images)**

**a - File**

**b - Program**

**c - Poster**



**17- You can choose colors that suit the topic, as their harmony helps to ..... attention**

**a – Attract**

**b – Distract**

**c - Distract**

**18- Sometimes ..... is the best choice.**

**a. Complexity**

**b. Simplicity**

**c. Difficulty**

### **Lesson 5 Algorithms**

**Put ( √ ) or ( X )**

- 1 You can use a search engine to search for information online ( )**
- 2 A search engine is a kinetic-powered device ( )**
- 3 Every time you enter keywords into a search engine, it uses algorithms to give you results. ( )**
- 4 Algorithms are great tools that help in obtaining search results. ( )**
- 5 Algorithms help determine which results are most relevant to your search topic ( )**
- 6 The search engine uses the database found in all cell phones to give you all the required results ( )**
- 7 The database of names and information found in digital maps helps to provide you with results. ( )**





- 8 You can define an algorithm as a chain of energy transfer from one organism to another ( )
- 9 A series of steps explaining how to perform a task is an algorithm ( )
- 10 Following the rules to prepare a meal is not an algorithm ( )
- 11 How to make a falafel sandwich is a type of algorithm ( )
- 12 Many of the tasks you perform can be described as an algorithm ( )
- 13 Writing your homework is not an algorithm ( )
- 14 Computers and their applications use algorithms just like you do in life. ( )
- 15 Your keyword phrasing doesn't cause an issue for the search engine ( )
- 16 The search engine doesn't take any action when you enter keywords until you're completely done entering ( )
- 17 Computers use algorithms to perform specific tasks ( )
- 18 You can create your own algorithm ( )
- 19 The search engine recognizes the letters of keywords, but cannot distinguish between cursive and non-concrete letters ( )
- 20 The search engine checks whether the keywords are true or false ( )
- 21 If the keywords are spelled correctly, the search engine does nothing, while if they are incorrect, the search engine indicates a possible misspelling ( )
- 22 The search engine does not show the letters of the keywords until they are finalized ( )
- 23 The search engine repeats the process until the word is finished ( )
- 24 The cell phone follows the instructions, which run in a series of algorithms that it applies as required. ( )
- 25 Missing a step or adding incorrect information does not affect the algorithm ( )



### Choose the correct answer:

1- You can use ..... to search for information online

- a. Categorization                      b. Search engine                      c. Addition

2- While searching, the engine uses ..... to give you results.

- a. Algorithms                      b. Multiplication table                      c. Numbers

3- Algorithms are ..... They help in getting search results.

- a - tools                      b - a program                      c - a series of steps

4- Algorithms help determine which results are the most ..... to the topic of your search

- a. Relevance                      b. Dimension                      c. Complexity

5- The database of names and information in ..... to provide you with results

- a. Curriculum maps                      b. Social studies maps                      c. Electronic maps

6- ..... is a series of steps that explains how to perform a task.

- a .Algorithm                      b. Task                      c. Goals

7- Room cleaning is a type of .....

- a. Rejected values                      b. Algorithms                      c. Fatigue

8- The search engine takes steps to provide results when you enter .....

- a. Device owner data                      b. Keywords                      c. Certain numbers

9- The engine's algorithm won't be accurate if your wording isn't .....

- a. Large                      b. Fast                      c. Accurate



10. You can ..... your own algorithm.

- a. create                                      b. cut                                      c. paste

11- Computers and applications need ..... to work.

- a. Electrical wires                                      b. Internet                                      c. Algorithms

12- The ..... program recognizes the letters and words you are searching for.

- a- Digital data processor                                      b- Word processor                                      c- Power Point

13- The tablet follows some steps to apply certain tasks, and these steps are called .....

- a.Stages                                      b. Algorithm                                      c. Roles

14. The absence of one of ..... affects the algorithm

- a. Steps                                      b. Programs                                      c. Applications

15. .... helps in understanding the processes that a browser performs while searching on the Internet

- a. E-books                                      b. Algorithms                                      c. Videos

### Lesson 6 The principles of coding

Put ( √ ) or ( X )

- 1 Creating video games and animations through coding (      )
- 2 Programming is the creation of a complete program using algorithms. (      )
- 3 Video games and animation can be created without the need for coding (      )



- 4 The word "Coding" means the use of code. ( )
- 5 Computers don't have their own language like humans do ( )
- 6 There are many websites, including Code.org. that help you learn to code ( )
- 7 Python is one of the programming languages used by computers. ( )
- 8 You can create a maze with instructions to solve it using a programming language ( )
- 9 Creating a maze is not an example of what can be done with coding. ( )
- 10 Coding is an example of applying a problem-solving strategy ( )

### Choose the correct answer:

1-..... is writing multiple algorithms to create a complete program.

- a. Word                                      b. Excel                                      c. Programming

2- The word ..... means The use of code

- a - "Coding"                                      b - Word                                      c - Access

3- To create video games and animations, it is necessary to use .....

- a- Various files                                      b- Programming                                      c - Device settings

4- The computer has its own languages, including .....

- a - Programming language                      b - Decimal language                      c - English

5- Code.org is one of the sites that help you learn .....

- a - Coding                                      b. Writing                                      c. Coloring

6- Making a maze is an example of what can be presented and created using .....

- a - Microsoft programs                      b- Programming                                      c - Cork





7- When making a maze, the steps should include several distances and ..... that need to be traversed.

- a - directions                      b – points                      c - obstacles

8- Programming can be used in ..... about your chosen topic.

- a - Drawing diagrams              b- Presentation                      c - Data visualization

9- ..... (flowchart) is similar to programming in that it presents an issue in logical and simple steps.

- a- Excel                              b- Flowchart                      c- Power point

10- A flowchart can be created to solve ..... what

- a. Problem                      b. Question                      c. Test

11- The program is called ..... Word

- a. Digital information processor              b. Painter              c. Word processor

12. .... program is called Power point

- a. Presentations                      b. Movie Maker                      c. Play Store

13- You can create a movie from a set of still images using .....

- a. Movie Maker                      b. Power point                      c. Microsoft word

14- Not all images belong to everyone, but there are ..... rights

- a . Copy                              b. Broadcasting                      c. Inheritance



## Lesson 7 Graphic art

**Put ( √ ) or ( X )**

- 1 It can be difficult to create your own drawings or edit photos on a computer ( )
- 2 (Microsoft Paint is a popular program for creating drawings or editing photos. ( )
- 3 To open Microsoft Paint, click on Settings and then Start ( )
- 4 There is no icon for the Paint program ( )
- 5 The menu bar is located at the top of the Paint program ( )
- 6 The toolbox is located in the Paint program only ( )
- 7 The menu bar includes options for opening and saving files ( )
- 8 Colors and images can be edited through the menu bar in Paint ( )
- 9 The toolbox has no role in the Paint program ( )
- 10 The toolbox contains (ellipse, airbrush, straight line) and others ( )
- 11 You can fill in colors from Paint ( )
- 12 You can't select specific parts of an image ( )
- 13 You can cut an image and use it in your drawing ( )
- 14 Paint lets you add text to an image ( )
- 15 You can't change the size or orientation of images in Paint ( )
- 16 To add text to an image, you can click on its lower right edge and drag it until it forms a white space that can be written on ( )
- 17 You can only use graphics tools in the Paint program ( )
- 18 The word processor provides graphic tools that you can use to design some elements ( )



- 19 You can click on the Insert tab in the menu bar to familiarize yourself ( )  
with some different options including shapes and icons
- 20 You can use the tools you want while designing an image through the ( )  
Paint program

### Choose the correct answer:

You can edit an image through a program .....

- a. Movie Maker                      b. Power point                      c. Microsoft Paint

2- To open the Microsoft Paint file, click on the Accessories folder in  
.....

- a - Start Menu                      b - Device Settings                      c - Word Processor Program

3- The menu bar is located in the ..... pane for the Paint program

- a – Top                      b – Middle                      c - Bottom

4- Some Paint tools are located in .....

- a - Toy box                      b - Tool box                      c - Power box

5- ..... contains : The oval, the airbrush, the straight line.

- a - description box                      b - storyboard                      c – toolbox

6- Colors and images can be edited through ..... In the Paint program.

- a - Menu bar                      b – Toolbox                      c - Device settings

7- You can fill colors from .....

- a - Excel                      b - Access                      c - Paint

8- You can change the size or ..... Paint program .

- a - Type                      b – Orientation                      c - content



9- You can use graphic tools in the ..... program

a - Painter

b - Word

c - Excel

10- You can click on the Insert tab in the menu bar to familiarize yourself with some different options, including shapes, icons.

a - Insert

b- Design

c - Correspondence

### Lesson 8 Creating a PowerPoint presentation

Put ( √ ) or ( X )

- 1 The presentation program can be used to create a presentation ( )
- 2 Microsoft Power Point includes text, animations, images, and special effects ( )
- 3 You can't create your story directly from a website builder ( )
- 4 To create a new page for a Microsoft PowerPoint presentation, click on the Blank presentation icon ( )
- 5 The menu bar is located at the bottom of the Microsoft Power Point program ( )
- 6 The tabs include tools you can use to create your presentation ( )
- 7 There is no slide instructing you to click to type a title ( )
- 8 You can add a main title and subtitle to your presentation ( )
- 9 Microsoft PowerPoint lets you put your name in the customized part of the subtitle ( )
- 10 The text box doesn't allow you to type information into it ( )
- 11 A slide is a presentation page that contains your text and images ( )
- 12 There is a thumbnail image for each slide you create ( )





- 13 The thumbnail of the slide you created is located on the right side of the screen ( )
- 14 The purpose of the thumbnail is to preview the slide ( )
- 15 To add a new slide to your presentation, tap New Slide ( )
- 16 You can't choose a new design for each slide, but you can choose a design for the entire presentation ( )
- 17 You can choose a slide design from the program's main menu ( )
- 18 Microsoft PowerPoint enables you to add text to your presentation slides ( )
- 19 Design, graphics, transitions, and motion effects are some of the effects that make your presentation stand out. ( )
- 20 The slideshow has no time limit ( )
- 21 You can watch the presentation by pressing F5 ( )
- 22 The presentation program does not allow you to insert images from another program ( )
- 23 Consider avoiding long paragraphs or sentences when designing your presentation ( )
- 24 Font type and size don't matter when designing a presentation ( )
- 25 A presentation program may be better than a word processor or a digital processor ( )

### Choose the correct answer:

1- Microsoft Power Point is a program with which you can create .....

- a. Presentation                      b. Text messages                      c. Pictures

2- Text, effects, animation and images are found within the program .....

- a. Microsoft Paint                      b. Word                      c. Power point



**3- You can create your story directly through .....**

- a. Website building program                      b. Photo album                      c. File collection

**4- To create a new page for a presentation, click on the icon .....**

- a - Blank presentation                      b - New file                      c - Base 10

**5-Tabs are located in the ..... ribbon**

- a - Menus                      b - Tasks                      c – Scroll

**6- The menu bar is located in the ..... pane of the slide.**

- a – Center                      b – Bottom                      c - Top

**7- The slide includes a headline and a title .....**

- a – sub                      b – side                      c - main

**8- In a presentation, ..... contains text, images and other effects**

- a - slide                      b - image                      c – words

**9-The slide thumbnail is located in the presentation at ..... of the screen .**

- a - left                      b – right                      c - center

**10- By clicking on New Slide, you can ..... slide**

- a – Delete                      b – Modify                      c - Add

**11- You can add text to your presentation slides through a program .....**

- a - Microsoft PowerPoint                      b - Movie Maker                      c - Word

**12- One of the effects of motion that highlights the presentation is ..... , transitions.**

- a - many colors                      b – movement                      c- length of the presentation



**13- You can watch the presentation by directly pressing**

**a - F5**

**b - F3**

**c - F8**

**14- When designing a presentation, avoid paragraphs .....**

**a - short**

**b – long**

**c – clear**

**15-It is preferable to use relevant images instead of .....**

**a - Videos**

**b - Text**

**c - Audio**

**16- You can customize your slide show by clicking on .....**

**a - Slide show**

**b – Draw**

**c - Design**

**17- When you move from one slide to another, you can choose visual effects by clicking on**

**a - Slide show**

**b - Transitions**

**c - Design**

**18- When designing your presentation, make sure that the font type and size are .....**

**a. Unclear**

**b. Clear**

**c. Inappropriate**

**19- The tab includes ..... Background colors option.**

**a. Design**

**b. Slideshow**

**c. Drawing**



## Lesson 2 Problem solving skills

**Put ( √ ) or ( X )**

- 1 We don't face any daily issues at school, work, or home. ( X )
- 2 We can solve any issue without taking proper steps to solve it. ( X )
- 3 You need to always think about the issue before you start solving it. ( √ )
- 4 Problems can occur when using IT tools ( √ )
- 5 It is not important to take steps to solve issues that involve technology tools. ( √ )
- 6 Problem solving in general is very difficult. ( X )
- 7 There are some common steps you can take to make the process easier ( √ )
- 8 Hypothesis building is not a step in the problem solving process. ( X )
- 9 A hypothesis is an attempt to answer a question with an explanation that can be tested. ( √ )
- 10 A hypothesis is a scientific guess about how things happen. ( √ )
- 11 Hypothesis testing is risky. ( √ )
- 12 If a hypothesis doesn't work, it's a big deal. ( X )
- 13 You can't retry the hypothesis again. ( X )
- 14 It doesn't hurt to get it wrong - we learn from our mistakes. ( √ )
- 15 Successful hypothesis testing helps build the next hypothesis. ( √ )
- 16 The issue cannot be broken down into parts as it is an integrated whole. ( X )
- 17 You have to break it down and solve it gradually. ( √ )
- 18 A task may seem difficult, but it becomes easier if you break it down. ( √ )





19 Working in a group helps in solving any issue. ( ✓ )

20 It is better to work individually and avoid group work. ( ✗ )

### Choose the correct answer:

1- You can solve ..... by taking appropriate steps to solve it.

- a. Questions                      b. Problem                      c. Exams

2- You should always think about the problem before you start .....

- a. Solve it                      b. Publish it                      c. Share it

3- Steps must be taken to solve issues that involve the tools of .....

- a. Writing                      b. Farming                      c. Technology

4- There are some common steps you can take to make the problem-solving process .....

- a. boring                      b. harder                      c. easier

5- Building ..... is one of the steps in solving a problem.

- a. Home                      b. Hypotheses                      c. Companies

6- This is ..... An attempt to answer a question but with an interpretation that can be tested

- a - Hypothesis                      b – Message                      c - Image

7- Hypotheses are considered ..... about how things happen

- a. Scientific speculation                      b. Problem solving                      c. Information sharing

8- You can repeat ..... to solve the problem again

- a. Tools                      b. Trying                      c. Writing



9-Successful hypothesis testing helps build ..... the following.

- a. Hypothesis                      b. Buildings                      c. Tasks

10-The ..... can be broken down into parts to make it easier to solve.

- a. Food                      b. Problem                      c. Tests

11-Work helps ..... helps to solve the problem.

- a. Group                      b. Individual                      c. Private

12-The steps of scientific thinking must be followed during ..... the problem.

- a-make                      b-solve                      c-do more than

### Lesson 3 Presenting information to others

Put ( √ ) or ( X )

- 1 Presenting information requires digital tools that help you present it better. ( √ )
- 2 Designing a billboard needs specific software that allows for design ( √ )
- 3 Microsoft 365 doesn't have any design options ( X )
- 4 Microsoft 365 has different options such as a presentation program and a word processor ( √ )
- 5 You don't need a digital device to download Microsoft 365 ( X )
- 6 You need to make sure that your computer can handle the downloaded program ( √ )
- 7 Microsoft 365 has different options including a desktop publishing program ( √ )



- 8 It's important to leave a blank space between the edges of the label and the content ( ✓ )
- 9 If you add content too close to the edges, the poster will look organized and clear ( ✗ )
- 10 Putting a margin on pages is visually appealing ( ✗ )
- 11 A consistent margin helps create a well-designed poster ( ✓ )
- 12 It doesn't matter the font type or size when presenting a billboard ( ✗ )
- 13 If you choose a font size that is too small, the audience will struggle to read the information ( ✓ )
- 14 A large font size makes the information more clear and doesn't cause trouble in writing the information ( ✗ )
- 15 There is only one font you have to use while writing ( ✗ )
- 16 You can choose the type and size of the font you want to use without considering the audience ( ✗ )
- 17 Complex fonts are distracting and difficult to read ( ✓ )
- 18 Font colors are one of the factors that attract the audience to the poster or advertisement ( ✓ )
- 19 Some digital tools in various programs allow you to choose the color you want to use ( ✓ )
- 20 It is best to use more than three colors in one poster ( ✗ )
- 21 The background color is not a factor in attracting the audience ( ✗ )
- 22 It is not common to use images in posters or advertisements ( ✗ )
- 23 Images need to fit with the content you're sharing ( ✓ )
- 24 It is preferable to use clear, high-resolution images that are appropriate to the theme of the advertisement ( ✓ )
- 25 When preparing a poster, you should think about (margins, font type and size, colors, images) ( ✓ )



### Choose the correct answer:

1- You can present information better when you use ..... Helps to present it

- a. Textbooks                      b. Digital tools                      c. Pen and paper

2- Microsoft 365 includes some design options such as .....

- a. Word processor                      b. Delete programs                      c. Insert a program

3- You need ..... to download Microsoft 365.

- a- Phone thermostat                      b- Digital device                      c- Thermostat

4- Examples of digital devices include ....., .....

- a- Calculator, clock                      b- Alarm clock, regular phone  
c- Computer, cell phones

5- ..... It is an empty space between the ends of the label and the content.

- a - File                      b – Folder                      c– Margin

6- If you add content too close to the edges, the poster will look ..... to the audience

- a – organized                      b – crowded                      c - clear

7- Putting margins on pages is an attraction from a ..... point of view

- a – visual                      b – auditory                      c- intellectual

8- Having a consistent ..... helps create a well-designed poster.

- a - images                      b - margin                      c - video





9- The type and ..... font helps in presenting information to the audience and making it easy to read.

- a- Size                      b-Shape                      c-Weight

10- Font ..... Distracting and difficult to read.

- a - complex                      b - simple                      c – specific

11- The font ..... in size shortens some of the information you share.

- a - small                      b - large                      c - medium

12- If you choose the font size ..... the audience will put a lot of effort into trying to read the information

- a- very large                      b - very small                      c - medium

13- The color of ..... is one of the factors that attract the audience to the posters.

- a. Files                      b. Device                      c. Font

14- It is not preferable to use more than ..... in a single poster

- a - two colors                      b - three colors                      c - four colors

15- You must ..... The images must be compatible with the content you share.

- a - conflict                      b - not related                      c – fit

16- When setting up .....you need to think about (margins, font type and size, colors, images)

- a - File                      b - Program                      c - Poster



17- You can choose colors that suit the topic, as their harmony helps to ..... attention

a – Attract

b – Distract

c - Distract

18- Sometimes ..... is the best choice.

a. Complexity

b. Simplicity

c. Difficulty

## Lesson 5 Algorithms

Put ( √ ) or ( X )

- 1 You can use a search engine to search for information online ( √ )
- 2 A search engine is a kinetic-powered device ( X )
- 3 Every time you enter keywords into a search engine, it uses algorithms to give you results. ( √ )
- 4 Algorithms are great tools that help in obtaining search results. ( X )
- 5 Algorithms help determine which results are most relevant to your search topic ( √ )
- 6 The search engine uses the database found in all cell phones to give you all the required results ( X )
- 7 The database of names and information found in digital maps helps to provide you with results. ( √ )



- 8 You can define an algorithm as a chain of energy transfer from one organism to another ( X )
- 9 A series of steps explaining how to perform a task is an algorithm ( ✓ )
- 10 Following the rules to prepare a meal is not an algorithm ( X )
- 11 How to make a falafel sandwich is a type of algorithm ( ✓ )
- 12 Many of the tasks you perform can be described as an algorithm ( ✓ )
- 13 Writing your homework is not an algorithm ( X )
- 14 Computers and their applications use algorithms just like you do in life. ( ✓ )
- 15 Your keyword phrasing doesn't cause an issue for the search engine ( X )
- 16 The search engine doesn't take any action when you enter keywords until you're completely done entering ( X )
- 17 Computers use algorithms to perform specific tasks ( ✓ )
- 18 You can create your own algorithm ( ✓ )
- 19 The search engine recognizes the letters of keywords, but cannot distinguish between cursive and non-concrete letters ( X )
- 20 The search engine checks whether the keywords are true or false ( ✓ )
- 21 If the keywords are spelled correctly, the search engine does nothing, while if they are incorrect, the search engine indicates a possible misspelling ( ✓ )
- 22 The search engine does not show the letters of the keywords until they are finalized ( X )
- 23 The search engine repeats the process until the word is finished ( ✓ )
- 24 The cell phone follows the instructions, which run in a series of algorithms that it applies as required. ( ✓ )
- 25 Missing a step or adding incorrect information does not affect the algorithm ( X )



### Choose the correct answer:

1- You can use ..... to search for information online

- a. Categorization                      b. Search engine                      c. Addition

2- While searching, the engine uses ..... to give you results.

- a. Algorithms                      b. Multiplication table                      c. Numbers

3- Algorithms are ..... They help in getting search results.

- a - tools                      b - a program                      c - a series of steps

4- Algorithms help determine which results are the most ..... to the topic of your search

- a. Relevance                      b. Dimension                      c. Complexity

5- The database of names and information in ..... to provide you with results

- a. Curriculum maps                      b. Social studies maps                      c. Electronic maps

6- ..... is a series of steps that explains how to perform a task.

- a. Algorithm                      b. Task                      c. Goals

7- Room cleaning is a type of .....

- b. Rejected values                      b. Algorithms                      c. Fatigue

8- The search engine takes steps to provide results when you enter .....

- a. Device owner data                      b. Keywords                      c. Certain numbers

9- The engine's algorithm won't be accurate if your wording isn't .....

- a. Large                      b. Fast                      c. Accurate



10. You can ..... your own algorithm.

- a. create                                      b. cut                                      c. paste

11- Computers and applications need ..... to work.

- a. Electrical wires                                      b. Internet                                      c. Algorithms

12- The ..... program recognizes the letters and words you are searching for.

- a- Digital data processor                                      b- Word processor                                      c- Power Point

13- The tablet follows some steps to apply certain tasks, and these steps are called .....

- a.Stages                                      b. Algorithm                                      c. Roles

14. The absence of one of ..... affects the algorithm

- a. Steps                                      b. Programs                                      c. Applications

15. .... helps in understanding the processes that a browser performs while searching on the Internet

- a. E-books                                      b. Algorithms                                      c. Videos

### **Lesson 6** The principles of coding

Put ( √ ) or ( X )

- 1 Creating video games and animations through coding ( √ )
- 2 Programming is the creation of a complete program using algorithms. ( √ )
- 3 Video games and animation can be created without the need for coding ( X )





- 4 The word "Coding" means the use of code. ( ✓ )
- 5 Computers don't have their own language like humans do ( ✗ )
- 6 There are many websites, including Code.org. that help you learn to code ( ✓ )
- 7 Python is one of the programming languages used by computers. ( ✓ )
- 8 You can create a maze with instructions to solve it using a programming language ( ✓ )
- 9 Creating a maze is not an example of what can be done with coding. ( ✗ )
- 10 Coding is an example of applying a problem-solving strategy ( ✓ )

### Choose the correct answer:

1-..... is writing multiple algorithms to create a complete program.

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- a - Menus                      b - Tasks                      c – Scroll

6- The menu bar is located in the ..... pane of the slide.

- a – Center                      b – Bottom                      c - Top

7- The slide includes a headline and a title .....

- a – sub                      b – side                      c - main

8- In a presentation, ..... contains text, images and other effects

- a - slide                      b - image                      c – words

9- The slide thumbnail is located in the presentation at ..... of the screen .

- a - left                      b – right                      c - center

10- By clicking on New Slide, you can ..... slide

- a – Delete                      b – Modify                      c - Add

11- You can add text to your presentation slides through a program .....

- a - Microsoft PowerPoint                      b - Movie Maker                      c - Word

12- One of the effects of motion that highlights the presentation is ....., transitions.

- a - many colors                      b – movement                      c- length of the presentation



13- You can watch the presentation by directly pressing

a - F5

b - F3

c - F8

14- When designing a presentation, avoid paragraphs .....

a - short

b - long

c - clear

15-It is preferable to use relevant images instead of .....

a - Videos

b - Text

c - Audio

16- You can customize your slide show by clicking on .....

a - Slide show

b - Draw

c - Design

17- When you move from one slide to another, you can choose visual effects by clicking on

a - Slide show

b - Transitions

c - Design

18- When designing your presentation, make sure that the font type and size are .....

a. Unclear

b. Clear

c. Inappropriate

19- The tab includes ..... Background colors option.

a. Design

b. Slideshow

c. Drawing

حمل الآن

مجاناً وحصرياً

# المراجعة رقم (5)

## اختبار شهر مارس



## Q1: Choose the correct answer.

- 1- Gautam shah is the founder of internet of .....
  - a) places
  - b) elephants
  - c) Kids
- 2- ..... helps internet of elephants create unique mobile games
  - a) Augmented reality
  - b) Piracy
  - c) Digital footprint
- 3- ..... is used to collect data needed to design interactive online games.
  - a) GPS
  - b) Animation
  - c) Augmented reality
- 4- You should be careful when solving problems that may pose a risk to you during the ..... step
  - a) Building hypothesis
  - b) Collecting data on hypothesis
  - c) Hypothesis testing
- 5- To provide the proposed solutions to solve the problem of the computer speakers not working, you must first .....
  - a) Test the hypothesis.
  - b) Prepare the hypothesis.
  - c) Verify the success of the test.





6- Microsoft 365 package contains ..... program.

- a) MS Word
- b) Bing
- c) Google chrome

7- The small number of colors used inside the poster makes it .....

- a) Difficult to understand.
- b) Striking
- c) Lack good design.

8- The amount of empty space between the edges of the poster is called .....

- a) Fonts
- b) Margin
- c) Image options

9- ..... is/are a reliable source of information on the internet.

- a) Publications
- b) EKB
- c) Interviews

10- If you choose a ..... font size, your audience will have to strain to read the information

- a) Good
- b) Bold
- c) Big
- d) Small



11- ..... should be used in a poster or billboard not more

- a) 3 colors
- b) 2 colors
- c) 4 colors
- d) 5 colors

12- ..... is an educated guess about how things work

- a) Hypothesis
- b) APP
- c) Internet

13- What should you do if your hypothesis is incorrect.....

- a) Blame someone else
- b) Make a new hypothesis based on what you learned
- c) Give up
- d) Ignores it and move on

14- ..... conservation is protecting animals in their natural habitats

- a) Internet of elephants
- b) Wildlife
- c) Online games
- d) ICT tools

15- you can run your PowerPoint presentation through the ..... key on the keyboard

- a) F3
- b) F4
- c) F5



16- To present your ideas that you have come up with in a way that is characterized by the effects of sound and movement, you need ..... program

- a) Word
- b) PowerPoint
- c) Paint

17- you can add a slide within PowerPoint by choosing .....

- a) Save
- b) Toolbox
- c) New slide

18- Among the services ..... provides is knowing the dates and schedules of exams

- a) The website of the ministry of tourism and Antiquities
- b) The website of the ministry of Health and population
- c) The website of the ministry of education and technical education

19- one of the elements of a good design for your projects is .....

- a) The consistency of the font color with the background color
- b) inserting attractive images if they are irrelevant to your project
- c) avoid leaving empty spaces or margins



20- there is many websites like ..... that help you learn coding

- a) EKB.com
- b) Code.org
- c) Facebook.com

21- Excel allows you to create a ..... with many columns and row

- a) Picture
- b) Presentation
- c) Spreadsheet

22- ..... sources are the information come from a reliable source or person

- a) Trusted
- b) Untrusted
- c) Questionable

23- A recipe is .....

- a) Instructions used to make a meal
- b) A map for a place
- c) A search engine
- d) A data base of keywords

24- Which of the following is not an algorithm

- a) Steps to clean your room
- b) How to make falafel sandwich
- c) A list of movies recommended by a friend
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25- Writing multiple algorithms to make a complete program means

.....

- a) Coding
- b) Gaming
- c) Animation

26- Steps of a maze should contain .....

- a) Colores and shapes
- b) Numbers and directions
- c) Letters and symbols
- d) Sounds and images

27- The presentation created by PowerPoint can include .....

- a) Text
- b) Animations
- c) Image
- d) All of them

28- You can find Microsoft paint in .....

- a) Documents folder
- b) Startup menu
- c) Desktop

29- We can find many options in the insert menu of word such as

.....

- a) Shape
- b) Icons
- c) 3 models
- d) All of them





## Q2: Put true or false.

- 1- Augmented reality technologies help to provide information to you interactively ( )
- 2- Mr. Shah quit his job in IT to focus on wild life conservation ( )
- 3- It is important to break complex problems into small parts when solving them ( )
- 4- Failing a test can be a learning opportunity ( )
- 5- A hypothesis is a specific answer that does not need to be tested ( )
- 6- When making a guess to solve a problem, this guess is called the hypothesis test ( )
- 7- It is important to crowd the edges of your billboard ( )
- 8- If you choose a big font size, your audience will have to strain to read the information ( )
- 9- Don't use more than 3 colors when making your billboard ( )
- 10- The amount of light in a photo does not matter when taking a good photo ( )
- 11- Using software to create a digital poster requires a digital device that supports the software ( )
- 12- A margin of 25 mm can help design a good poster by preventing it from appearing too cramped ( )
- 13- It is necessary to have good quality images on posters and billboards ( )
- 14- The internet cannot be a source of information for research ( )
- 15- To evaluate the source, you cannot ask your teacher or a family member for help ( )



16- An algorithm is a series of steps that explain how to do a task ( )

17- Algorithms are not useful in our daily lives ( )

18- Instagram is a website that can help you learn to code ( )

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20- Microsoft word does not have any graphic tools ( )

21- Animations can be added to only one slide in PowerPoint ( )



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- 2- Mr. Shah quit his job in IT to focus on wildlife conservation (T)
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- 4- Failing a test can be a learning opportunity (T)
- 5- A hypothesis is a specific answer that does not need to be tested (F)
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# كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9

